

057005/30 OIPE

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/852,209

DATE: 06/08/2001  
 TIME: 11:47:42

Input Set : C:\PAOLA\09852209.txt  
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# 2.

ENTERED

5 <110> APPLICANT: ERIKSSON, Ulf  
 7 AASE, Karin  
 9 LEE, Xuri  
 11 PONTEN, Annica  
 13 UUTELA, Marko  
 15 ALITALO, Kari  
 17 OESTMAN, Arne  
 19 HELDIN, Carl-Henrik  
 21 BETSHOLTZ, Christer  
 25 <120> TITLE OF INVENTION: PLATELET-DERIVED GROWTH FACTOR C, DNA CODING  
 27 THEREFOR, AND USES THEREOF  
 31 <130> FILE REFERENCE: 09-410349-Eriksson et al-1064-44740  
 35 <140> CURRENT APPLICATION NUMBER: 09/852,209  
 36 <141> CURRENT FILING DATE: 2001-05-10  
 40 <150> PRIOR APPLICATION NUMBER: 09/410,349  
 42 <151> PRIOR FILING DATE: 1999-09-30  
 46 <150> PRIOR APPLICATION NUMBER: 60/110,749  
 48 <151> PRIOR FILING DATE: 1998-12-03  
 52 <150> PRIOR APPLICATION NUMBER: 60/113,002  
 54 <151> PRIOR FILING DATE: 1998-12-18  
 58 <150> PRIOR APPLICATION NUMBER: 60/135,426  
 60 <151> PRIOR FILING DATE: 1999-05-21  
 64 <150> PRIOR APPLICATION NUMBER: 60/144,022  
 66 <151> PRIOR FILING DATE: 1999-07-15  
 70 <160> NUMBER OF SEQ ID NOS: 39  
 74 <170> SOFTWARE: PatentIn Ver. 2.0  
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 124 <223> OTHER INFORMATION: Can be any amino acid residue  
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202 gtagaagttg aggaacccag tgatgaaact atattaggc gctgggtgtgg ttctggtaact 420  
204 gtaccaggaa aacagatttc taaagggaaat caaatttagga taagatttgt atctgatgaa 480  
206 tatttcctt ctgaaccagg gttctgcattt cactacaaca ttgtcatgcc acaattcaca 540  
208 gaagctgtga gtccttcagt gtcacccct tcagcttgc cactggaccc gcttaataat 600  
210 gctataactg ctttagtac ctttggaaagac cttattcgat atcttgaacc agagagatgg 660  
212 cagttggact tagaagatct atataggcca acttggcaac ttcttggcaaa ggctttgtt 720  
214 tttggaaagaa aatccagagt ggtggatctg aaccttctaa cagaggaggt aagattatac 780  
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 246 catttagaag aagagaacta cattcatggt ttgaaagaga taaacctgaa aagaagagt 1740  
 248 gccttatctt cactttatcg ataagtcagt ttatgttt cattgtgtac atttttat 1800  
 250 tctcctttt acattataac tggcgttt tctaattttt taaatataat ctattttac 1860  
 252 caaaggatt taatattctt tttatgaca acttagatca actatttta gcttggtaaa 1920  
 254 ttttctaaa cacaattgtt atagccagag gaacaaagat ggatataaaa atattgttgc 1980  
 W--> 256 cctggacaaa aatacatgtt tntccatccc ggaatggtgc tagagttga ttaaacctgc 2040  
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 284 20 25 30  
 288 Ser Ser Asn Lys Glu Gln Asn Gly Val Gln Asp Pro Gln His Glu Arg  
 290 35 40 45  
 294 Ile Ile Thr Val Ser Thr Asn Gly Ser Ile His Ser Pro Arg Phe Pro  
 296 50 55 60  
 300 His Thr Tyr Pro Arg Asn Thr Val Leu Val Trp Arg Leu Val Ala Val  
 302 65 70 75 80  
 306 Glu Glu Asn Val Trp Ile Gln Leu Thr Phe Asp Glu Arg Phe Gly Leu  
 308 85 90 95  
 312 Glu Asp Pro Glu Asp Asp Ile Cys Lys Tyr Asp Phe Val Glu Val Glu  
 314 100 105 110  
 318 Glu Pro Ser Asp Gly Thr Ile Leu Gly Arg Trp Cys Gly Ser Gly Thr  
 320 115 120 125  
 324 Val Pro Gly Lys Gln Ile Ser Lys Gly Asn Gln Ile Arg Ile Arg Phe  
 326 130 135 140  
 330 Val Ser Asp Glu Tyr Phe Pro Ser Glu Pro Gly Phe Cys Ile His Tyr  
 332 145 150 155 160  
 336 Asn Ile Val Met Pro Gln Phe Thr Glu Ala Val Ser Pro Ser Val Leu  
 338 165 170 175  
 342 Pro Pro Ser Ala Leu Pro Leu Asp Leu Leu Asn Asn Ala Ile Thr Ala  
 344 180 185 190  
 348 Phe Ser Thr Leu Glu Asp Leu Ile Arg Tyr Leu Glu Pro Glu Arg Trp  
 350 195 200 205  
 354 Gln Leu Asp Leu Glu Asp Leu Tyr Arg Pro Thr Trp Gln Leu Leu Gly  
 356 210 215 220  
 360 Lys Ala Phe Val Phe Gly Arg Lys Ser Arg Val Val Asp Leu Asn Leu  
 362 225 230 235 240  
 366 Leu Thr Glu Glu Val Arg Leu Tyr Ser Cys Thr Pro Arg Asn Phe Ser  
 368 245 250 255  
 372 Val Ser Ile Arg Glu Glu Leu Lys Arg Thr Asp Thr Ile Phe Trp Pro  
 374 260 265 270

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378 Gly Cys Leu Leu Val Lys Arg Cys Gly Gly Asn Cys Ala Cys Cys Leu  
380 275 280 285  
384 His Asn Cys Asn Glu Cys Gln Cys Val Pro Ser Lys Val Thr Lys Lys  
386 290 295 300  
390 Tyr His Glu Val Leu Gln Leu Arg Pro Lys Thr Gly Val Arg Gly Leu  
392 305 310 315 320  
396 His Lys Ser Leu Thr Asp Val Ala Leu Glu His His Glu Glu Cys Asp  
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412 <211> LENGTH: 1536  
414 <212> TYPE: DNA  
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420 <400> SEQUENCE: 4  
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426 atccaagaaa tacggcttgc gtatggagat tagtagcagt agagggaaat gtatggatac 180  
428 aacttacgtt tgatgaaaga tttgggcttg aagaccaga agatgacata tgcaagtatg 240  
430 attttgtaga agttgaggaa cccagtgtatg gaactatatt agggcgctgg tgggttctg 300  
432 gtactgtacc agggaaacag atttctaaag gaaatcaaatt taggataaga tttgtatctg 360  
434 atgaatattt tccttctgaa ccagggttct gcattccacta caacattgtc atgcccataat 420  
436 tcacagaagc tgtgagtccct tcagtgctac ccccttcagc tttgccactg gacctgctta 480  
438 ataatgctat aactgccttt agtacccctgg aagaccttacat tcgatatctt gaaccagaga 540  
440 gatggcagtt ggacttagaa gatctatata ggcacacttgc gcaacttctt ggcaaggctt 600  
442 ttgtttttgg aagaaaatcc agagtggtgg atctgaacct tctaacagag gaggtaaat 660  
444 tatacagctg cacacccgtt aacttctcaag tgtccataag ggaagaacta aagagaaccg 720  
446 ataccatttt ctggccaggt tgtctccctgg ttaaaacgctg tggggaaac tggcctgtt 780  
448 gtctccacaa ttgcaatgaa tgtcaatgtg tcccaagcaa agttactaaa aaataccacg 840  
450 aggtccctca gttgagacca aasaccgggt tcagggatt gcacaaatca ctcaccgacg 900  
452 tggccctgga gcaccatgag gagtgtgact gtgtgtcag agggagcaca ggaggatagc 960  
454 cgcatcacca ccagcagctc ttgcccagag ctgtgcagtg cagtggtcga ttctattaga 1020  
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460 gctcttttga gaggaggcct aaaggacagg agaaaaggtc ttcaatctg gaaagaaaat 1200  
462 taaatgttgt attaaataga tcaccagcta gtttcagagt taccatgtac gtattccact 1260  
464 agctgggttc tgtatttcag ttctttcgat acggcttgg gtaatgtcag tacagggaaa 1320  
466 aaactgtgca agtgagcacc tgattccgtt gcctgctta actctaaacg tccatgtcct 1380  
468 gggcctaaaa tcgtataaaa tctggatttt ttttttttt tttgctcata ttcacatatg 1440  
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472 aattaaactt gtgtcatgct gataggacag actgga 1536  
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478 <211> LENGTH: 318  
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494 Pro Gln His Glu Arg Ile Ile Thr Val Ser Thr Asn Gly Ser Ile His

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496 20 25 30  
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 502 35 40 45  
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 508 50 55 60  
 512 Glu Arg Phe Gly Leu Glu Asp Pro Glu Asp Asp Ile Cys Lys Tyr Asp  
 514 65 70 75 80  
 518 Phe Val Glu Val Glu Glu Pro Ser Asp Gly Thr Ile Leu Gly Arg Trp  
 520 85 90 95  
 524 Cys Gly Ser Gly Thr Val Pro Gly Lys Gln Ile Ser Lys Gly Asn Gln  
 526 100 105 110  
 530 Ile Arg Ile Arg Phe Val Ser Asp Glu Tyr Phe Pro Ser Glu Pro Gly  
 532 115 120 125  
 536 Phe Cys Ile His Tyr Asn Ile Val Met Pro Gln Phe Thr Glu Ala Val  
 538 130 135 140  
 542 Ser Pro Ser Val Leu Pro Pro Ser Ala Leu Pro Leu Asp Leu Leu Asn  
 544 145 150 155 160  
 548 Asn Ala Ile Thr Ala Phe Ser Thr Leu Glu Asp Leu Ile Arg Tyr Leu  
 550 165 170 175  
 554 Glu Pro Glu Arg Trp Gln Leu Asp Leu Glu Asp Leu Tyr Arg Pro Thr  
 556 180 185 190  
 560 Trp Gln Leu Leu Gly Lys Ala Phe Val Phe Gly Arg Lys Ser Arg Val  
 562 195 200 205  
 566 Val Asp Leu Asn Leu Leu Thr Glu Glu Val Arg Leu Tyr Ser Cys Thr  
 568 210 215 220  
 572 Pro Arg Asn Phe Ser Val Ser Ile Arg Glu Glu Leu Lys Arg Thr Asp  
 574 225 230 235 240  
 578 Thr Ile Phe Trp Pro Gly Cys Leu Leu Val Lys Arg Cys Gly Gly Asn  
 580 245 250 255  
 584 Cys Ala Cys Cys Leu His Asn Cys Asn Glu Cys Gln Cys Val Pro Ser  
 586 260 265 270  
 590 Lys Val Thr Lys Lys Tyr His Glu Val Leu Gln Leu Arg Pro Lys Thr  
 592 275 280 285  
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VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/852,209

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TIME: 11:47:43

Input Set : C:\PAOLA\09852209.txt  
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L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:680 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:2586 M:259 W: Allowed number of lines exceeded, <223> Other Information: